

AMENDMENTS TO THE DRAWINGS

The attached sheets of drawings include changes to figures 1-7, in which the legend "RELATED ART" has been added.

Attachment: Replacement sheets
 Annotated sheets showing changes

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 1 and 3-7 are pending in this application. Claims 1 and 7 are independent. Claim 2 is hereby cancelled without prejudice or disclaimer of subject matter. Claims 1 and 3-7 are hereby amended. Support for this amendment is provided throughout the Specification as originally filed and specifically at pages 30-31 and Fig.11-12. It is submitted that these claims, as originally presented, were in full compliance with the requirements of 35 U.S.C. §112. Changes to claims are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicants are entitled.

II. REJECTIONS UNDER 35 U.S.C. §102(a) and §103(a)

Claims 1-4, 6-7 were rejected under 35 U.S.C. §102(a) as allegedly being anticipated by Figures 1-7 as described at pages 1-11 of specification.

Claim 5 was rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Figure 1-7 as described at pages 1-11 of specification and Official Notice.

III. RESPONSE TO REJECTIONS

Claim 1 recites, *inter alia*:

“...closed session processing means for performing a closed session process so that other reproducing apparatuses can read an optical disc recording at least one data group,

wherein the closed session processing means generates **a menu image including the CHP thumbnail image in the cell of VMGM_VOBS, which corresponds to a direct menu screen page capable of directly selecting CHP**, generates menu image link information for linking with the menu image, and records the menu image and the menu image link information on the optical disc...” (Emphasis added)

Applicants submit that the background of Specification does not teach or suggest the above identified features of claim 1. Specifically, claim 1 recites the closed session processing means can generate a menu image including the CHP thumbnail image in the cell of VMGM_VOBS, which corresponds to a **direct menu screen** page capable of directly selecting **CHP**, which is patentable.

Specifically, Applicants respectfully traverse the rejection. Indeed, the Office Action relies on the background of Specification to reject the above-identified features of claim 1, which were previously features of claim 2. However, Applicants submit that in the optical recording apparatus described in the background of Specification, each VMGM_VOBS comprises a plurality of cells each of which corresponds to each main menu screen page. (See Specification Page 8, line 14) While in the present invention, each VMGM_VOBS comprises a plurality of cells each of which corresponds to each direct menu screen page, which is capable of directly selecting CHP include in the VTS. (See Specification Page 30, paragraph 2 and 4) Furthermore, in terms of the data structure, the present invention does not record the

VTSM_VOBS that is conventionally recorded next to the VTSI, as described in the background of Specification. (See Specification Page 31, paragraph 2 and Page 9, paragraph 4) Thus, the data structure described in the background of Specification results in that the users need to use two menus, which are the main menu and the VTS menu, to selected an intended chapter (CHP), however, the present invention results in that the users can directly select an intended chapter using the direct menu.

Therefore, Applicants respectfully submit that the background of Specification fails to teach or suggest the closed session processing means can generate a menu image including the CHP thumbnail image in the cell of VMGM_VOBS, which corresponds to a direct menu screen page capable of directly selecting CHP, as recited in claim 1.

Therefore, Applicants submit that independent claim 1 is patentable.

For reasons similar to, or somewhat similar to, those described above with regard to independent claim 1, independent claim 7 is also patentable.

IV. DEPENDENT CLAIMS

The other claims in this application are each dependent from one of the independent claims discussed above and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

CONCLUSION


In the event the Examiner disagrees with any of the statements appearing above with respect to the disclosures in the cited reference, or references, it is respectfully requested that the Examiner specifically indicate those portions of the reference, or references, providing the basis for a contrary view.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

In view of the foregoing remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Respectfully submitted,

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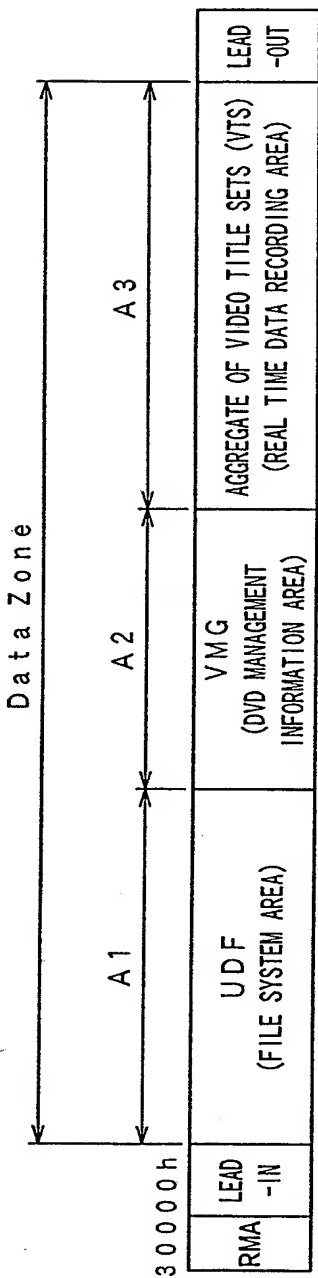


FIG. 1A

FIG. 1B

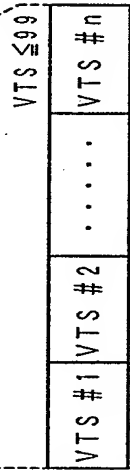


FIG. 1C

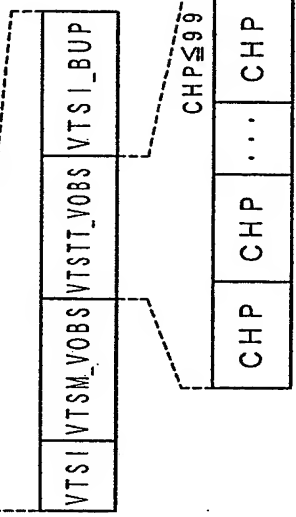


FIG. 1D



Related Art

FIG.2A

Rzone 1	Rzone 2	Invisible Rzone
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FIG.2B

Rzone 1	Rzone 2	VTSTI_VOBS	VTSI_BUP
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FIG.2C

Rzone 1	VTSM_VOBS	VTSTI_VOBS	VTSI_BUP
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FIG.2D

Rzone 1	VTSM_VOBS	Rzone 3	Invisible Rzone
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FIG.2E

Rzone 1	VTSM_VOBS	Rzone 3	VTSTI_VOBS	VTSI_BUP
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FIG.2F

Rzone 1	VTSM_VOBS	VTSTI_VOBS	VTSI_BUP
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FIG.2G

Rzone 1	VTSM_VOBS	VTSTI_VOBS	VTSI_BUP
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...

FIG.2H

LEAD-IN	UDF	VMG	VTSM_VOBS	VTSTI_VOBS	VTSI_BUP	VTSM_VOBS	VTSTI_VOBS	VTSI_BUP	VTSM_VOBS	VTSTI_VOBS	VTSI_BUP
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Related Art

FIG.3A	Padding		
FIG.3B	Padding	VTSTT_V0BS_VTSI_Padding	
FIG.3C	Padding	VTSM_VTSI_V0BS_VTSTT_V0BS_VTSI_Padding	
FIG.3D	Padding	VTS #1	VTSTT_V0BS_VTSI_Padding
FIG.3E	Padding	VTS #1	VTSM_VTSI_V0BS_VTSTT_V0BS_VTSI_Padding
FIG.3F	Padding	VTS #1	VTS #2

...

FIG.3G	LEAD -IN	UDF	VMG	VTS #1	VTS #2	VTS #n	LEAD -OUT
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Related Art

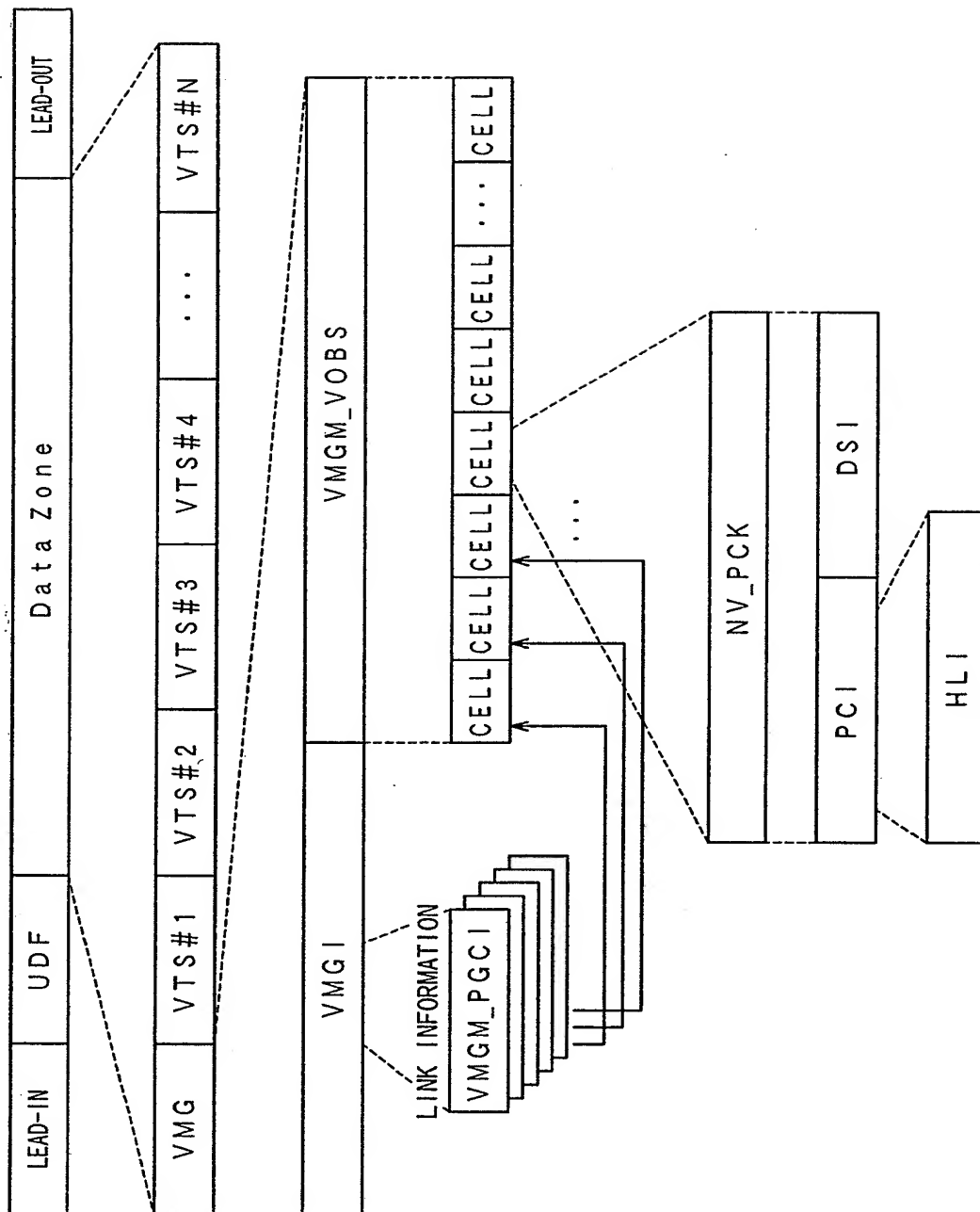


FIG.4

Related Art

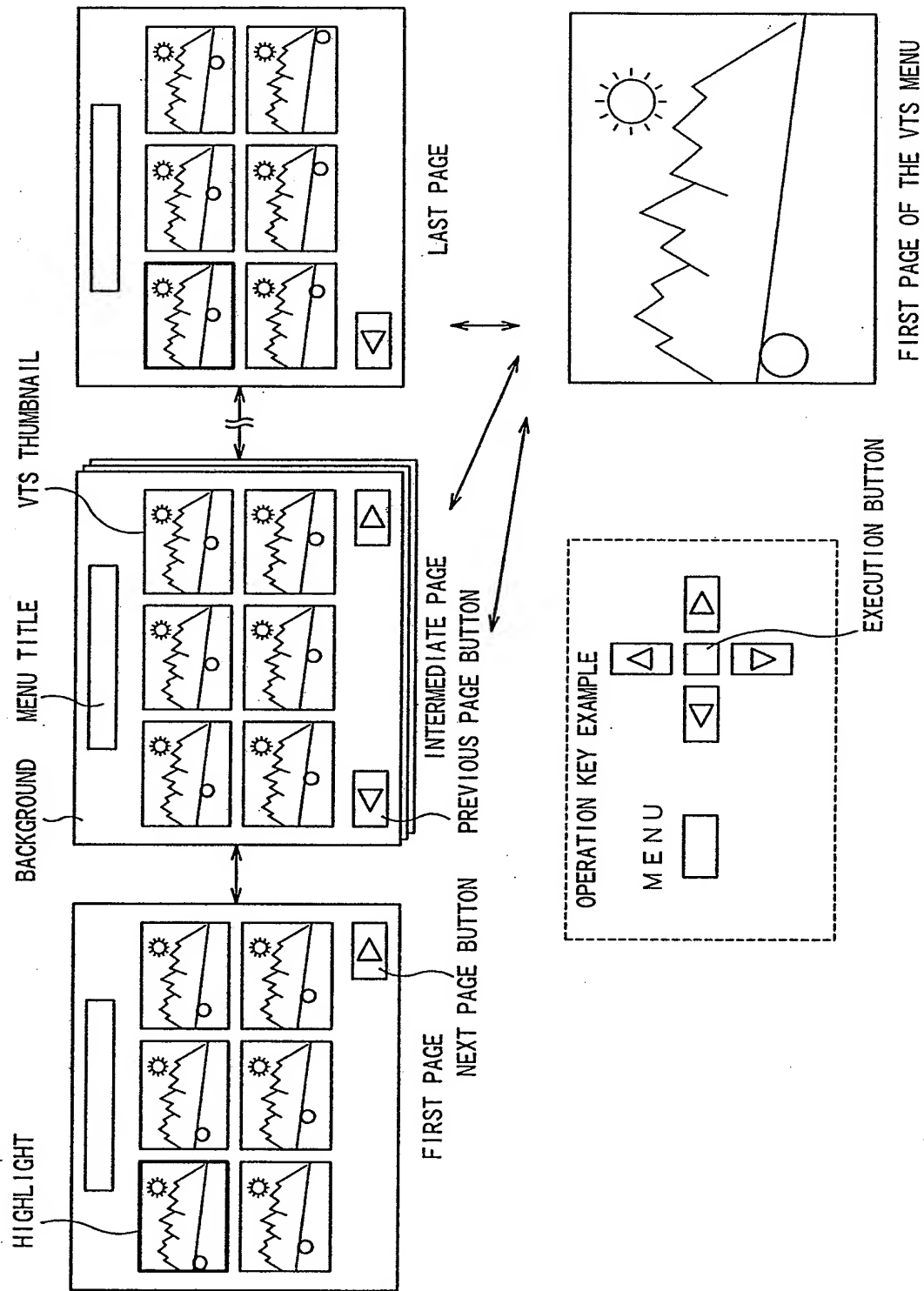


FIG. 5

Related Art

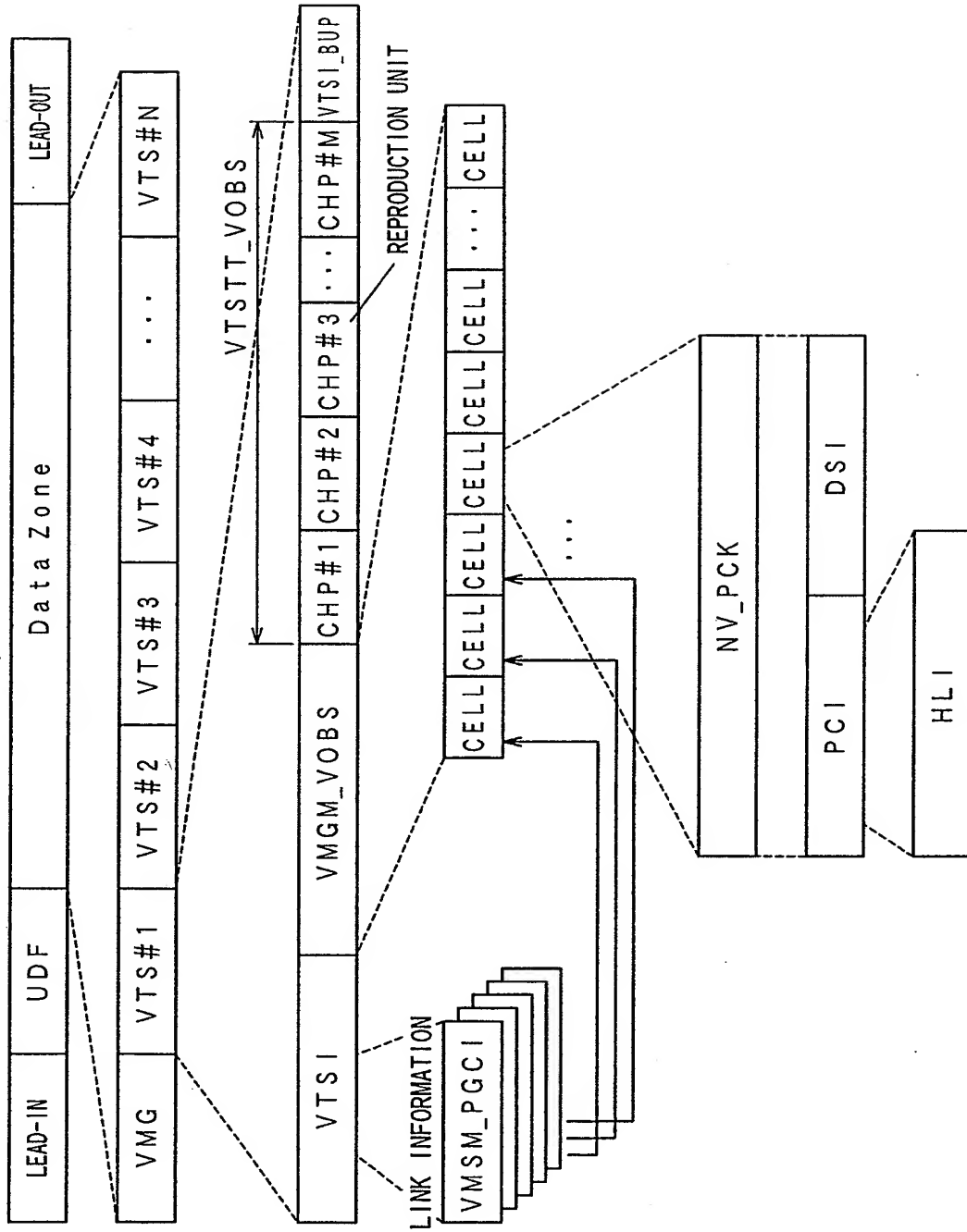


FIG.6

Related Art

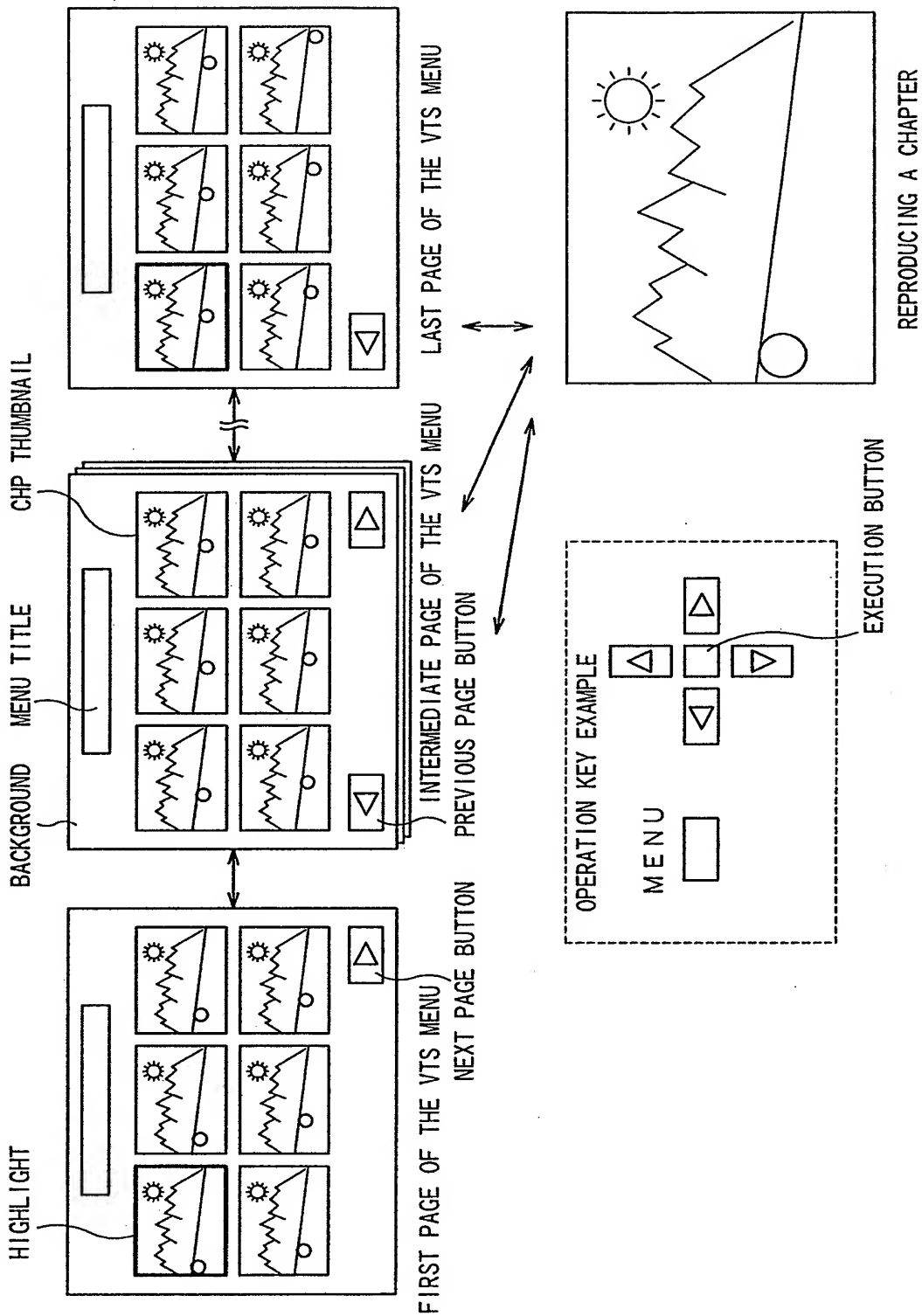


FIG. 7
Related Art